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**PIR** S 19066

PHOTOGRAPHIC INTERPRETATION REPORT



**LU-SHUN COMPLEX**

**CHINA**

NPIC/R-244/65  
JULY 1965

DECLASS REVIEW by NIMA/DOD

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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## LU-SHUN COMPLEX, CHINA

## INTRODUCTION

This is one of a series of reports on Chinese Communist shipyards and port facilities observed on aerial photography.

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The Lu-shun Complex [redacted] is located in China on the southern coast of the Liao-tung Pan-tao (peninsula) which extends between the Po Hoi (Gulf of Chih-li) and Korea Chiang (Bay) at 38-48N 121-16E (Figure 1). This area is also known as Port Arthur.

## DESCRIPTION

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The port complex is located in the southwestern sector of the urban area and is divided into 3 separate units: the Naval Base and Shipyard [redacted] the Submarine Base [redacted] and the Port Facilities. This report deals only with these units of the

port complex and does not include the area coastal defense installations or surrounding naval activity. Only those vessels in repair or construction status will have notations under the status column in Table 3A.

The port facilities (Figure 2) are located along the northeastern shore of Hsi Chiang (Bay) and consist of 2 piers, 1 L-head pier, 1 small T-head pier, 1 offshore wharf and a quayed area. One small pier was removed during the period of comparative coverage [redacted]. Only vessels that have a military connotation are listed under the port facilities. No attempt has been made to identify the numerous tugs, yard craft, and barges.

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The wharf and two piers have rail and road access; however, the rail spurs appear to be utilized mainly for the supply of coal to the area rather than the transfer of stores and sup-

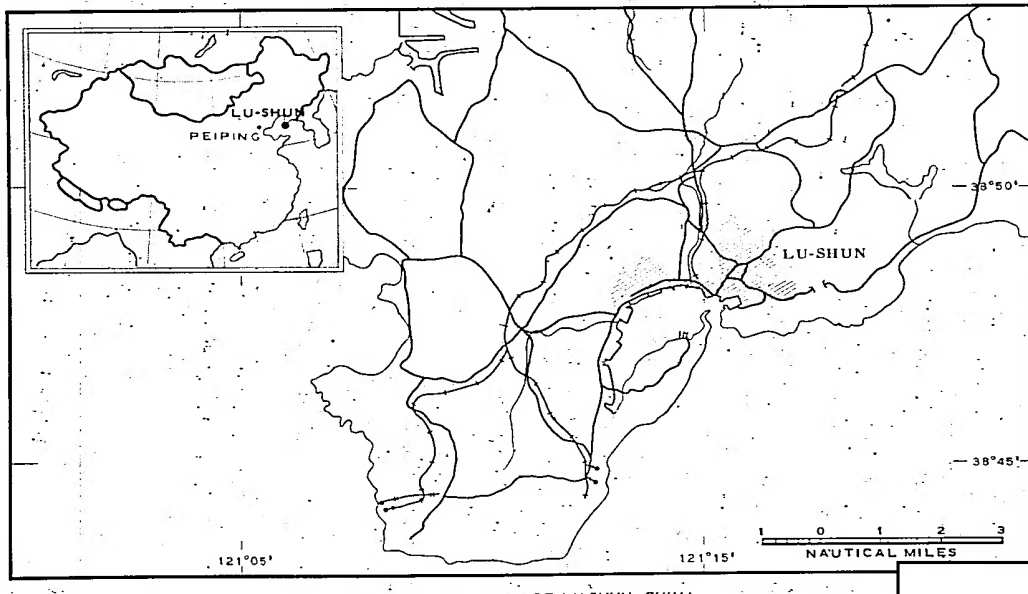


FIGURE 1. LOCATION OF LU-SHUN, CHINA.

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plies at dockside. A possible program of harbor improvement may have been taking place in [redacted] as a dredge was located offshore from the port facilities.

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The Submarine Base (Figure 3) is located along the southern coast of Hsi Chiang (Bay) and on the Lao-hu-wei Pan-tao (peninsula). Facilities consist of 4 piers. This base is divided into 2 areas with the operations area on the north coast of the peninsula and support area in the middle of the peninsula.

Only minor changes have taken place at this base between [redacted] with 15 buildings constructed and 6 tent-like structures with possibly solid walls removed.

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The Naval Base and Shipyard (Figure 4)

is located on Tung Chiang (Bay) and surrounds the bay. Facilities consist of 2 graving docks, 3 building/repairways, 1 pier, 1 T-head pier, 1 mole, and numerous quayed areas. Handling facilities consist of 3 portal jib cranes. Five buildings and 2 rows of 5 horizontal tanks each were removed during the period of comparative coverage, while 9 buildings and 2 rows of 7 horizontal tanks each were added.

This base and shipyard is used almost exclusively for the repair and modification of vessels. Expansion of facilities is in progress in the southeastern section with 6 new buildings constructed during the period of comparative coverage and large amounts of building material in open storage.

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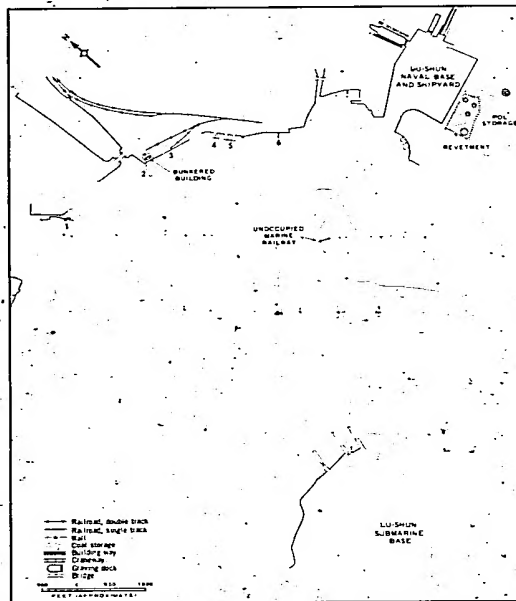


Table 1. Port Facilities (Keyed to Figure 2)

Item	Function	Dimensions
1	T-Head pier	30 x 10
	Approach	10
2	Pier	170 x 40
	Approach	15
3	Quay	750
4	L-Head pier	85 x 25
	Approach	25
5	Marginal wharf	145 x 25
	Approaches (2)	25
6	Pier	60 x 15

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Table 1A. Vessels at Port Facilities (Keyed to Figure 2)

Location Identification

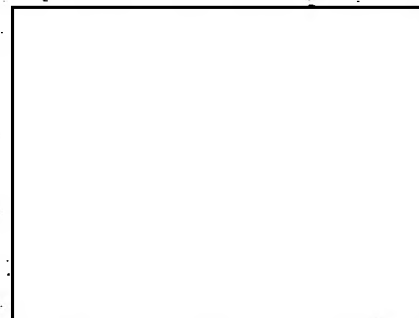


FIGURE 2. PORT FACILITIES, LUSHUN, CHINA.

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Table 2A. Vessels at Submarine Base (Keyed to Figure 3)

Location			
1	Probable W-class SS	W-class SS (4)	W-class SS
3	Probable W-class SS (5)	W-class SS (4)	W-class SS (2)
4	Probable W-class SS (2)	Floating crane	Floating crane
	U.I. vessel	Possible S-class SS	W/S-class (2)
	Probable W-class SS		W-class SS
			Tug

Location			
1	W-class SS	Probable W-class SS (2)	W-class SS (2)
3	Probable W-class SS (4)	Probable W-class SS (2)	W-class SS
4	(Approach in place, pier missing)	Floating crane	Possible R-class SS
	Probable W-class SS		Floating crane
	Lighter		
	U.I. vessel		

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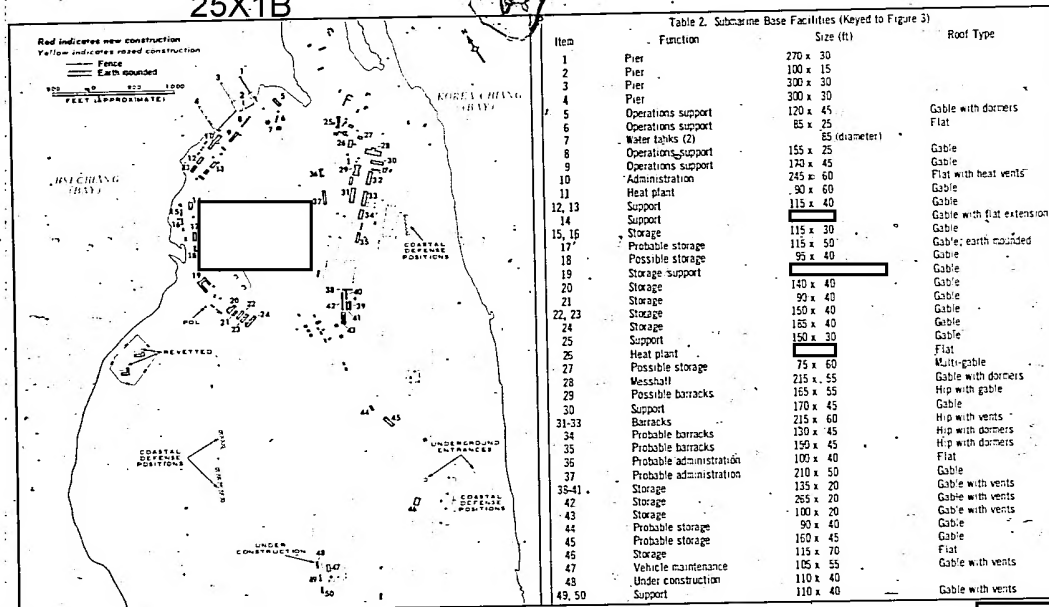


FIGURE 3. SUBMARINE BASE, LU SHUN, CHINA.

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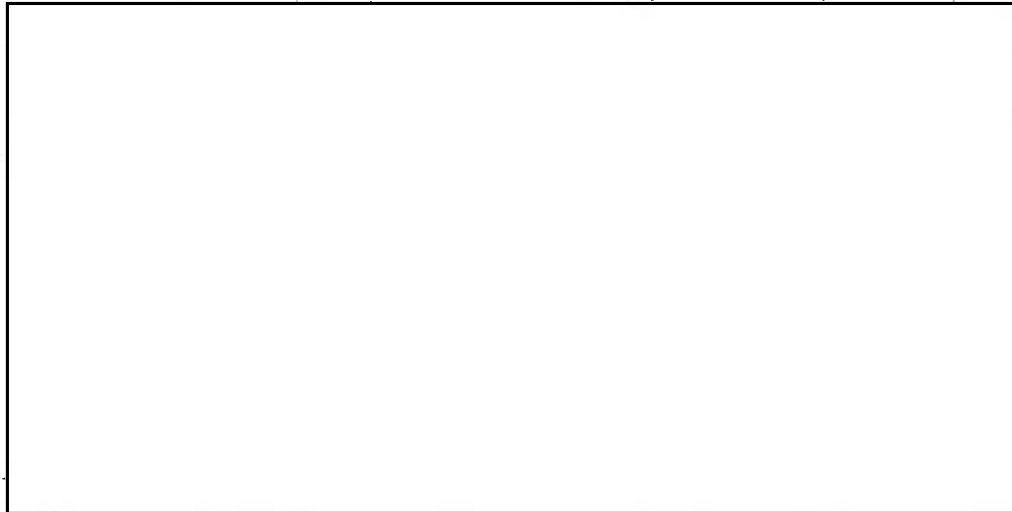


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MAPS

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REQUIREMENT



NPIC PROJECT

12037/64 (partial answer)